**Discussion (Ideation): 21/04/17**

Focus on Donation and Receiving - request for Backend

Things to do:

Request for backend access to data

Request for azure account so don’t have to pay

Ideas:

Profiling user

Geospatial - integrate google maps, allow users to suggest meeting point -> update when arrived at meeting point -> when both have met -> ask if they have retrieved the package properly. – Dependant on the teacher

Hard time to register as CIP -> form and integrate e-mail/SMS

Socket - communication between both users

-> Expansion - text and image moderation

-> Use various chat protocols from Azure/Google

Image recognition and barcode scanning using camera - Computer vision API? -> Google Books API/ Open library API

-> Check if the book is wanted

-> Take picture of the book, take out the text title

-> Scrape MOE

Partners -> Vouchers for reaching threshold?

Recommendations

Book drop -> assist with finding the nearest using location or find the nearest on the way home

Book priority on verified book drop for another book if wanted by donor

If doing hybrid -> distribution points should have an inventory of what books have been taken

Tagging and filtering search

**Questions:**

How do you determine the user and the donor?

Social media and email/password

Are we assisting with the event itself?

No

Can we allow the user to suggest the location and help to display the location.

Yes

Are we validating through NRIC?

No

Work:

Alex -> Login, profile creation, suggest a location, Maps integration, Reward system, User rating, search

* Provide textual explanations

Jervis -> Chat communication

Wanying -> Image recognition and barcode scanning -> Web scraping

All:

Suggest UI, UX themes

**26th April 2017**

Can we also do filtering in the school, donating books back to the school and whatnot

* Personal and corporate

Navigate when meeting is soon -> open auto navigation with manual entry or current location?

Data filtering based on personal preference (Prefer Sci-Fi/Fantasy etc)

E-mail

Password

User name/Name

With preference of using username/name

User profile -> Key in multiple schools

E-mail verification

Chat bot for information

How do you keep a sustained user base?

Think up of a UI theme

Adobe XD

Try to do barcode scanning basic first (portable code)

Share to Facebook/Instagram

Questing in reward system?

>Daily Quest ( Donate a book / Get a book from the pre-loved collection / Share a book you are donating to Facebook/Instagram.

>Each time a daily quest is completed, there will be reward points

>Reaching a certain amount of reward points will entitle you to book discounts/ vouchers/ limited title on your profile / Badges.

Home page

Login

Registration

Profile

Donation

Scanning

Chat

Client Connection

Map Route

Browsing

Searching